

PTO/SB/21 (09-04)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

26

Application Number

10/661,467

Filing Date

September 12, 2003

First Named Inventor

Achiwa, Kyosuke

Art Unit

2188

Examiner Name

Paul A. Baker

Attorney Docket Number

16869S-094600US

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):- Consent by Assignee in Support of Request for  
Correction of Inventorship

- Statement Under 37 CFR 3.73(b)

- Inventors Statement for Correction of Inventorship  
for Abei and Kishiro

- Copy of Assignments (two separate)

- Declaration and Power of Attorney

- Supplemental ADS

- Recordation Form Cover Sheet (in duplicate)

with copy of Assignment

Return Postcard

Certified Copy of Priority  
Document(s)Reply to Missing Parts/ Incomplete  
ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Remarks

The Commissioner is authorized to charge any additional fees to Deposit  
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

George B. F. Yee

Date

May 19, 2005

Reg. No.

37,478

**CERTIFICATE OF TRANSMISSION/MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an  
envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Cynthia McKinley

Date

May 19, 2005



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

**PATENT**  
Docket No.: 16869S-094600US  
Client Ref. No.: W0268-03 EQ

On 5/19/05

TOWNSEND and TOWNSEND and CREW LLP

By: 

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kyosuke Achiwa et al.

Application No.: 10/661,467

Filed: September 12, 2003

For: Three Data Center Adaptive Remote Copy

Examiner: Unassigned

Art Unit: 2186

Petition and Fee to Correct Inventorship  
Under 37 CFR § 1.48(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request Correction of Inventorship by addition of the following inventors:

**Name: Hiroshi Abei and Shigeru Kishiro**

**Citizenship: Japan**

**Mailing Address: c/o Hitachi, Ltd., Intellectual Property Group,  
12th Floor, Marunouchi Center Building, 6-1, Marunouchi 1-chome,  
Chiyoda-ku, Tokyo, 100-8220 Japan**


The inventors Hiroshi Abei and Shigeru Kishiro were inadvertently omitted from the list of inventor(s) when the above-referenced application was filed in

the U.S. Patent and Trademark Office. The names were inadvertently omitted and occurred without deceptive intent.

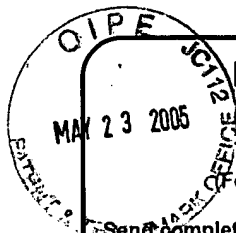
Submitted with this request are the following documents:

- 1) Inventors' Statements for Correction of Inventorship under 37 CFR § 1.48(a)(2);
- 2) Consent by Assignee in Support of Request for Correction of Inventorship 37 C.F.R. § 1.48(a)(5);
- 3) Statement under 37 CFR § 3.73(b) with copies of Assignments, including Assignment executed by Hiroshi Abei and Shigeru Kishiro;
- 4) Declaration and Power of Attorney executed by Toshio Nakano, Katsunori Nakamura, Mikito Ogata, Yoshinori Okami, Seiichi Higaki, Hiroshi Abei, and Shigeru Kishiro under 37 CFR § 1.63 with Supplemental Application Data Sheet; and
- 5) Processing fee as required under 37 CFR § 1.17 (i) (see Fee Transmittal submitted in duplicate).

Respectfully submitted,

  
George B. F. Yee  
Reg. No. 37,478

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
Fax: (415) 576-0300  
GBFY:cmm

**PROCESSING FEE**

Under 37 CFR 1.17(i)

**TRANSMITTAL**

(Fees are subject to annual revision)

Send completed form to: Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/661,467
Filing Date	September 12, 2003
First Named Inventor	Achiwa, Kyosuke
Art Unit	2188
Examiner Name	Paul A. Baker
Attorney Docket Number	16869S-094600US

Enclosed is a paper filed under 37 CFR §48 that requires a processing fee (37 CFR 1.17(i)).

Payment of \$ 130 is enclosed.

This form should be included with the above-mentioned paper and faxed or mailed to the Office using the appropriate Mail Stop, if applicable. For transmittal of petition fees under 37 CFR 1.17(f), (g) or (h), see or PTO/SB/17p.

**Payment of Fees** (small entity amounts are NOT available for the petition fees)

☒ The Commissioner is hereby authorized to charge the following fees to Deposit Account No. 20-1430:

☒ processing fee under 37 CFR 1.17(i) ☒ any deficiency of fees and credit of any overpayments

Enclose a duplicative copy of this form for fee processing.

☐ Check in the amount of \$ \_\_\_\_\_ is enclosed.

☐ Payment by credit card (Form PTO-2038 or equivalent enclosed). Do not provide credit card information on this form.

**Processing Fees under 37 CFR 1.17(i): Fee \$130 Fee Code 1808 for all,  
Except for § 1.221 papers (Fee Code 1803)**

For papers filed under:

§ 1.28(c)(3) - for processing a non-itemized fee deficiency based on an error in small entity status.

§ 1.41 - for supplying the name or names of the inventor or inventors after the filing date without an oath or declaration as prescribed by § 1.63, except in provisional applications.

✓ § 1.48 - for correcting inventorship, except in provisional applications.

§ 1.52(d) - for processing a nonprovisional application filed with a specification in a language other than English.

§ 1.53(b)(3) - to convert a provisional application filed under § 1.53(c) into a nonprovisional application under § 1.53(b).

§ 1.55 - for entry of late priority papers.

§ 1.99(e) - for processing a belated submission under § 1.99.

§ 1.103(b) - for requesting limited suspension of action, continued prosecution application (§ 1.53(d)).

§ 1.103(c) - for requesting limited suspension of action, request for continued examination (§ 1.114).

§ 1.103(d) - for requesting deferred examination of an application.

§ 1.217 - for processing a redacted copy of a paper submitted in the file of an application in which a redacted copy was submitted for the patent application publication.

§ 1.221 - for requesting voluntary publication or republication of an application. **Fee Code 1803**

§ 1.291(c)(5) - for processing a second or subsequent protest by the same real party in interest.

§ 1.497(d) - for filing an oath or declaration pursuant to 35 U.S.C. 371(c)(4) naming an inventive entity different from the inventive entity set forth in the international stage.

§ 3.81 - for a patent to issue to assignee, assignment submitted after payment of the issue fee.

  
Signature

George B. F. Yee  
Typed or printed name

May 19, 2005  
Date

37,478  
Registration No., if applicable



PATENT  
Docket No.: 16869S-094600US  
Client Ref. No.: W0268-03 EQ

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kyosuke Achiwa et al.

Application No.: 10/661,467

Filed: September 12, 2003

For: Three Data Center Adaptive Remote  
Copy

Examiner: Unassigned

Art Unit: 2186

Consent by Assignee in Support of Request  
for Correction of Inventorship Under 35  
U.S.C. § 116 and 37 CFR § 1.48(a)(5)


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.48(a), in support of the Request for Correction of Inventorship filed in connection with the above-identified patent application, the assignee of the above-identified patent application, Hitachi, Ltd., of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, hereby consents to the filing of the Request for Correction of Inventorship to add Hiroshi Abei and Shigeru Kishiro as co-inventors to the above-identified patent application. Attached is a Statement Under 37 C.F.R. § 3.73(b), which establishes said ownership rights.

Date:

4/8/2005

  
Yasuo Sagata, Patent Attorney  
Executive Officer,  
Intellectual Property Group  
(Authorized Signing Officer)



PATENT  
Docket No.: 16869S-094600US  
Client Ref. No.: W0268-03 EQ

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kyosuke Achiwa et al.

Application No.: 10/661,467

Filed: September 12, 2003

For: Three Data Center Adaptive Remote  
Copy

Examiner: Unassigned

Art Unit: 2186

Inventors Statement for Correction of  
Inventorship under 37 CFR § 1.48(a)(2)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Hiroshi Abei, hereby state that the error in inventorship in U.S. Patent Application Serial No. 10/661,467, filed September 12, 2003, which omitted my name as an inventor, occurred without any deceptive intention on my part.

Date: Apr. 6, 2005

Hiroshi Abei  
Hiroshi Abei



PATENT  
Docket No.: 16869S-094600US  
Client Ref. No.: W0268-03 EQ

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Kyosuke Achiwa et al.

Application No.: 10/661,467

Filed: September 12, 2003

For: Three Data Center Adaptive Remote  
Copy

Examiner: Unassigned

Art Unit: 2186

Inventors Statement for Correction of  
Inventorship under 37 CFR § 1.48(a)(2)

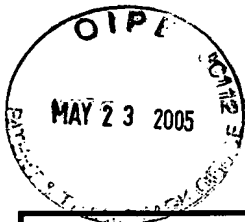
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Shigeru Kishiro, hereby state that the error in inventorship in U.S. Patent Application Serial No. 10/661,467, filed September 12, 2003, which omitted my name as an inventor, occurred without any deceptive intention on my part.

Date: Apr. 7. 2005

Shigeru Kishiro  
Shigeru Kishiro

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Kyosuke Achiwa et al.Application No./Patent No.: 10/661,467Filed/Issue Date: September 12, 2003Entitled: Three Data Center Adaptive Remote CopyHitachi, Ltd., a corporation(Name of Assignee)  
etc.)(Type of Assignee, e.g., corporation, partnership, university, government agency,  
etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To : \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To : \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To : \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

4/8/2005

Date

\_\_\_\_\_  
Telephone numberYasuo Sakuta

Typed or printed name

Signature

Patent Attorney  
Executive Officer,  
Intellectual Property Group  
(Authorized Signing Officer)

\_\_\_\_\_  
Title



**ASSIGNMENT OF PATENT APPLICATION**

**Joint**

WHEREAS, the below-listed individuals, herein referred to as "Assignors," are the inventors of the invention described and set forth in the following application for United States Letters Patent:

**THREE DATA CENTER ADAPTIVE REMOTE COPY**

Application No. 10/661,467; filed September 12, 2003

WHEREAS, **Hitachi, Ltd.**, 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

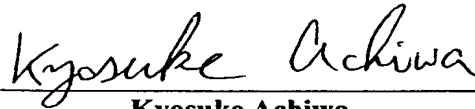
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that Assignors will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

**Name and Address of Inventor 1:**

**Kyosuke Achiwa**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan



**Kyosuke Achiwa**

Date: June 28, 2004

**Name and Address of Inventor 2:**

**Takashi Oeda**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan



**Takashi Oeda**

Date: June 28, 2004

Name and Address of Inventor 3:

**Katsunori Nakamura**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan

Katsunori Nakamura  
Katsunori Nakamura

Date: June 26, 2004

Name and Address of Inventor 4:

**Toshio Nakano**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan

Toshio Nakano  
Toshio Nakano

Date: June 26, 2004 ~~June 26, 2004~~ T.N.

Name and Address of Inventor 5:

**Mikito Ogata**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan

Mikito Ogata  
Mikito Ogata

Date: June 26, 2004

Name and Address of Inventor 6:

**Yoshinori Okami**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan

Yoshinori Okami  
Yoshinori Okami

Date: June 28, 2004

Name and Address of Inventor 7:

**Seiichi Higaki**  
c/o Hitachi, Ltd.  
Intellectual Property Group  
New Marunouchi Bldg.  
5-1, Marunouchi 1-chome  
Chiyoda-ku  
Tokyo 100-8220, Japan

Seiichi Higaki  
Seiichi Higaki

Date: June 28, 2004

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Hiroshi Abei of c/o Hitachi, Ltd., Intellectual Property Group, 12th Floor, Marunouchi Center Building, 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-8220 Japan; and Shigeru Kishiro of c/o Hitachi, Ltd., Intellectual Property Group, 12th Floor, Marunouchi Center Building, 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-8220 Japan, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: THREE DATA CENTER ADAPTIVE REMOTE COPY

Date(s) of execution of Declaration: April 6, 2005 and April 7, 2005

Filing Date: September 12, 2003

Application No.: 10/661,467; and

WHEREAS, Hitachi, Ltd., a corporation of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: Apr. 6, 2005

Hiroshi Abei

Hiroshi Abei

Dated: Apr. 7, 2005

Shigeru Kishiro

Shigeru Kishiro



## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **"Three Data Center Adaptive Remote Copy,"** the specification of which was filed on September 12, 2003, as Application No. 10/661,467.

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
Japan	2001-53456	February 28, 2001	Yes

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
10/096,375	3/8/02	Pending
09/854,125	5/10/01	Issued

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

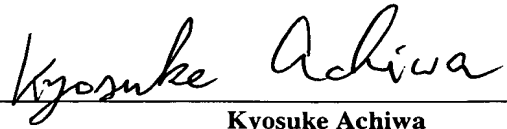
**The patent practitioners associated with Customer Number 20350.**

Send Correspondence to: <b>Robert C. Colwell</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8<sup>th</sup> Floor</b> <b>San Francisco, California 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Robert C. Colwell</b> Reg. No.: <b>27,431</b> Telephone: <b>650-326-2400</b>
--	--

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

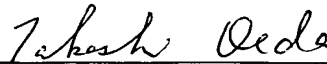
Inventor No. 1:

**Kyosuke Achiwa**  
c/o Hitachi, Ltd., Intellectual Property Group  
12th Floor, Marunouchi Center Building  
6-1, Marunouchi 1-chome, Chiyoda-ku  
Tokyo, 100-8220, Japan  
Citizenship: Japan

  
\_\_\_\_\_  
**Kyosuke Achiwa**  
Date: Apr. 11, 2005


Inventor No. 2:

**Takashi Oeda**  
c/o Hitachi, Ltd., Intellectual Property Group  
12th Floor, Marunouchi Center Building  
6-1, Marunouchi 1-chome, Chiyoda-ku  
Tokyo, 100-8220, Japan  
Citizenship: Japan

  
\_\_\_\_\_  
**Takashi Oeda**  
Date: Apr. 19, 2005


Inventor No. 3:

**Katsunori Nakamura**  
c/o Hitachi, Ltd., Intellectual Property Group  
12th Floor, Marunouchi Center Building  
6-1, Marunouchi 1-chome, Chiyoda-ku  
Tokyo, 100-8220, Japan  
Citizenship: Japan

  
\_\_\_\_\_  
**Katsunori Nakamura**  
Date: Apr. 8, 2005

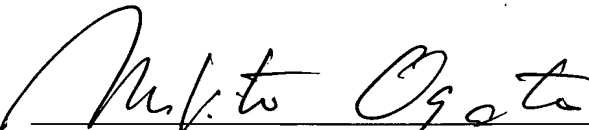
Inventor No. 4:

**Toshio Nakano**  
c/o Hitachi, Ltd., Intellectual Property Group  
12th Floor, Marunouchi Center Building  
6-1, Marunouchi 1-chome, Chiyoda-ku  
Tokyo, 100-8220, Japan  
Citizenship: Japan

  
\_\_\_\_\_  
**Toshio Nakano**  
Date: Apr. 8, 2005

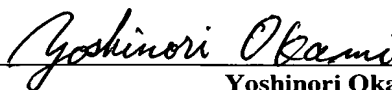
Inventor No. 5:

**Mikito Ogata**  
c/o Hitachi, Ltd., Intellectual Property Group  
12th Floor, Marunouchi Center Building  
6-1, Marunouchi 1-chome, Chiyoda-ku  
Tokyo, 100-8220, Japan  
Citizenship: Japan

  
\_\_\_\_\_  
**Mikito Ogata**  
Date: Apr. 8, 2005

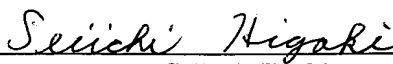
Inventor No. 6:

**Yoshinori Okami**  
c/o Hitachi, Ltd., Intellectual Property Group  
12th Floor, Marunouchi Center Building  
6-1, Marunouchi 1-chome, Chiyoda-ku  
Tokyo, 100-8220, Japan  
Citizenship: Japan

  
\_\_\_\_\_  
**Yoshinori Okami**  
Date: Apr. 11, 2005

Inventor No. 7:

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*Shigeru Kishiro*

**Shigeru Kishiro**

Date: Apr. 7, 2005



## **Application Data Sheet**

### **Application Information**

Application number:: 10/661,467  
Filing Date:: 09/12/03  
Application Type:: Regular  
Subject Matter:: Utility  
Suggested classification::  
Suggested Group Art Unit::  
CD-ROM or CD-R??::  
Number of CD disks::  
Number of copies of CDs::  
Sequence Submission::  
Computer Readable Form (CRF)?::  
Number of copies of CRF::  
Title:: Three Data Center Adaptive Remote Copy  
Attorney Docket Number:: 16869S-094600US  
Request for Early Publication:: No  
Request for Non-Publication:: No  
Suggested Drawing Figure::  
Total Drawing Sheets:: 33  
Small Entity?:: No  
Latin name::  
Variety denomination name::  
Petition included?:: No  
Petition Type::  
Licensed US Govt. Agency::  
Contract or Grant Numbers One::  
Secrecy Order in Parent Appl.: No

**Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Japan  
Status:: Full Capacity  
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Middle Name::  
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Applicant Authority Type:: Inventor  
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Family Name:: Okami

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Status:: Full Capacity

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Family Name:: Higaki

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### **Correspondence Information**

Correspondence Customer Number:: 20350

### **Representative Information**

Representative Customer Number:: 20350

### **Domestic Priority Information**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	Continuation-in-part of	10/096,375	03/08/02
10/096,375	Continuation-in-part of	09/854,125	05/10/01

**Foreign Priority Information**

Country::	Application number::	Filing Date::
Japan	2001-53456	02/28/01

**Assignee Information**

Assignee Name::	Hitachi, Ltd.
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